*International Journal of Pharmaceutics*, 38 (1987) 269–271
Elsevier



# Author Index

Ahmed, I. and Patton, T.F., Disposition of timolol and inulin in the rabbit eye following corneal versus non-corneal absorption, 9
Al-Turk, W., see Shaheen, O., 123
Amidon, G.E., see Dick, C.F., 23
Anderson, L., see McCafferty, D.F., 59
Antonelli, I., see Rochat, M.H., 79
Aungst, B.J., Myers, M.J., Shefter, E. and Shami, E.G., Prodrugs for improved oral nalbuphine bioavailability: interspecies differences in the disposition of nalbuphine and its acetylsalicylate and anthranilate esters, 199
Awidi, A., see Shaheen, O., 123
Ayres, J.W., see Tavipatana, W., 139

Beezer, A.E., Gooch, C.A., Hunter, W.H., Lima, M.C.P. and Smith, B.V., Quantitative structure-activity relationships: a group additivity scheme for biological response of *E. coli* to the action of *o*-, *m*- and *p*-alkoxyphenol, 251
Bjankova, R., see Bogdanova, S., 99
Bogdanova, S., Bjankova, R., Minkov, E. and Rainova, L., Influence of polyvinylpyrrolidone on the in vitro diffusion characteristics of tetraminol, 99
Bond, S.W., see Wilson, C.G., 221
Buckton, G., Dissado, L.A., Hill, R.M. and Newton, J.M., The potential value of dielectric response measurements in the assessment of the wettability of powders, 1

Calvo, M.V., Lanao, J.M. and Dominguez-Gil, A., Bioavailability of rectally administered naproxen, 117

Davis, S.S., Illum, L. and Walker, I.M., The in vivo evaluation of emulsion formulations administered intramuscularly, 133
Davis, S.S., see Farraj, N.F., 39
Davis, S.S., see Hardy, J.G., 103
Dick, C.F., Klassen, R.A. and Amidon, G.E., Determination of the sensitivity of a tablet formulation to variations in excipient levels and processing conditions using optimization techniques, 23
Dissado, L.A., see Buckton, G., 1
Dominguez-Gil, A., see Calvo, M.V., 117
Duchêne, D., see Ponchel, G., 65

Farraj, N.F., Davis, S.S., Parr, G.D. and Withington, R., A new intramuscular formulation of rifamycin SV, 39
Feely, L.C., see Hardy, J.G., 103

Gadalla, M.A.F., Ghaly, G.M. and Samaha, M.W., The effect of the composition of binary systems on the solubility and solubility parameter estimation of nalidixic and salicylic acids, 71
Ghaly, G.M., see Gadalla, M.A.F., 71
Gooch, C.A., see Beezer, A.E., 251
Gorman, S.P., see McCafferty, D.F., 59
Gould, P.L., Holland, S.J. and Tighe, B.J., Polymers for biodegradable medical devices. IV. Hydroxybutyrate–valerate copolymers as non-disintegrating matrices for controlled-release oral dosage forms, 231
Gumbleton, M., Nicholls, P.J. and Taylor, G., Urethane anaesthesia: altered pharmacokinetics of the renally eliminated organic anion *p*-aminohippuric acid, 261

Haas, C., see Leuenberger, H., 109
Hamaguchi, N., see Yoshimura, Y., 179
Hardy, J.G., Feely, L.C., Wood, E. and Davis, S.S., The application of γ-scintigraphy for the evaluation of the relative spreading of suppository bases in rectal hard gelatin capsules, 103
Hardy, J.G., see Wilson, C.G., 221
Heikkila, T., see Laine, E., 33
Hill, R.M., see Buckton, G., 1
Hirayama, F., see Hoshino, T., 265
Hirayama, F., see Kikuchi, M., 191
Holland, S.J., see Gould, P.L., 231
Hoshino, T., Ishida, K., Irie, T., Hirayama, F. and Uekama, K., Alleviation in protriptyline-photosensitized skin irritation by di-*O*-methyl-β-cyclodextrin complexation, 265
Hunter, W.H., see Beezer, A.E., 251

Illum, L., see Davis, S.S., 133
Inagaki, H., see Nishihata, T., 83
Irie, T., see Hoshino, T., 265
Ishida, K., see Hoshino, T., 265

Jalal, I., see Shaheen, O., 123

Kahela, P., see Laine, E., 33
Kamada, A., see Nishihata, T., 83
Karlsen, J., see Tønnesen, H.H., 247
Kawamori, R., see Nishihata, T., 83
Kearney, P. and Marriott, C., The effects of mucus glycoproteins on the bioavailability of tetracycline. III. Everted gut studies, 211
Kikuchi, M., Hirayama, F. and Uekama, K., Improvement of oral and rectal bioavailabilities of carmofur by methylated β-cyclodextrin complexations, 191
Klassen, R.A., see Dick, C.F., 23

0378-5173/87/$03.50 © 1987 Elsevier Science Publishers B.V. (Biomedical Division)

Laine, E., Kahela, P., Rajala, R., Heikkila, T., Saarnivaara, K. and Piippo, I., Crystal forms and bioavailability of erythromycin, 33
Lanao, J.M., see Calvo, M.V., 117
Launchbury, A.P., see Murphy, A., 257
Leuenberger, H., Rohera, B.D. and Haas, C., Percolation theory – a novel approach to solid dosage form design, 109
Lima, M.C.P., see Beezer, A.E., 251
Linert, W., see Repond, C., 47

MacGregor, T.R. and Reuning, R.H., The mouse tail-flick method for evaluation of narcotic antagonist sustained release, 171
Magron, P., Rollet, M., Taverdet, J.L. and Vergnaud, J.M., Spherical oral polymer–drug device with two polymers for constant drug delivery, 91
Maltby, S., see Murphy, A., 257
Marriott, C., see Kearney, P., 211
Mayer, J.M., see Repond, C., 47
McCafferty, D.F., Woolfson, A.D., Gorman, S.P. and Anderson, L., Chemical behaviour of noxythiolin in biological fluids, 59
Minkov, E., see Bogdanova, S., 99
Murphy, A., Maltby, S. and Launchbury, A.P., Dissolution time, on reconstitution, of a new parenteral formulation of doxorubicin (Doxorubicin Rapid Dissolution), 257
Myers, M.J., see Aungst, B.J., 199

Nagappa, A.N., see Srivastava, R.C., 239
Newton, J.M., see Buckton, G., 1
Nicholls, P.J., see Gumbleton, M., 261
Nishihata, T., Sudoh, M., Inagaki, H., Kamada, A., Yagi, T., Kawamori, R. and Shichiri, M., An effective formulation for an insulin suppository; examination in normal dogs, 83

Othman, S., see Shaheen, O., 123
Ozil, P., see Rochat, M.H., 79

Parr, G.D., see Farraj, N.F., 39
Patton, T.F., see Ahmed, I., 9
Peppas, N.A., see Ponchel, G., 65
Piippo, I., see Laine, E., 33
Ponchel, G., Touchard, F., Wouessidjewe, D., Duchêne, D. and Peppas, N.A., Bioadhesive analysis of controlled-release systems. III. Bioadhesive and release behavior of metronidazole-containing poly(acrylic acid)-hydroxypropyl methylcellulose systems, 65
Pretzer, D. and Repta, A.J., Stability of the experimental anticancer agent [[(4-methoxyphenyl)sulfonyl]hydrozono] acetic acid (NSC-267213). I. Kinetics and mechanism of degradation, 147
Pretzer, D. and Repta, A.J., Stability of the experimental anticancer agent [[(4-methoxyphenyl)sulfonyl]hydrazono] acetic acid (NSC-267213). II. Effect of structural modification on stability and mechanism of degradation, 161

Rainova, L., see Bogdanova, S., 99
Rajala, R., see Laine, E., 33
Repond, C., Mayer, J.M., Van de Waterbeemd, H., Testa, B. and Linert, W., Thermodynamics and mechanism of partitioning of pyridylalkanamides in *n*-octanol/water and di-*n*-butyl ether/water, 47
Repta, A.J., see Pretzer, D., 147
Repta, A.J., see Pretzer, D., 161
Reuning, R.H., see MacGregor, T.R., 171
Rochat, M.H., Ozil, P., Antonelli, I. and Verain, A., Modelling of dynamic behaviour for total parenteral nutrition, 79
Rohera, B.D., see Leuenberger, H., 109
Rollet, M., see Magron, P., 91
Rowe, R.C. and Sadeghnejad, G., The rheology of microcrystalline cellulose powder/water mixes – measurement using a mixer torque rheometer, 227

Saarnivaara, K., see Laine, E., 33
Sadeghnejad, G., see Rowe, R.C., 227
Samaha, M.W., see Gadalla, M.A.F., 71
Sekulović, D. and Zajić, L., Investigation of the properties of Compactrol tablets relative to the type of disintegrant used, 255
Shaheen, O., Othman, S., Jalal, I., Awidi, A. and Al-Turk, W., Comparison of pharmacokinetics and pharmacodynamics of a conventional and a new rapidly dissolving glibenclamide preparation, 123
Shami, E.G., see Aungst, B.J., 199
Shankar, M., see Srivastava, R.C., 239
Shefter, E., see Aungst, B.J., 199
Shichiri, M., see Nishihata, T., 83
Smith, B.V., see Beezer, A.E., 251
Srivastava, R.C., Shankar, M., Tandon, A. and Nagappa, A.N., Liquid membrane phenomena in anticancer drugs. Studies on 5-fluorouracil and its derivatives, 239
Sudoh, M., see Nishihata, T., 83

Tandon, A., see Srivastava, R.C., 239
Taverdet, J.L., see Magron, P., 91
Tavipatana, W. and Ayres, J.W., Proxyphylline and theophylline pharmacokinetics when administered concomitantly in rabbits, 139
Taylor, G., see Gumbleton, M., 261
Testa, B., see Repond, C., 47
Tighe, B.J., see Gould, P.L., 231
Tønnesen, H.H. and Karlsen, J., Studies on curcumin and curcuminoids. X. The use of curcumin as a formulation aid to protect light-sensitive drugs in soft gelatin capsules, 247
Touchard, F., see Ponchel, G., 65

Uekama, K., see Hoshino, T., 265
Uekama, K., see Kikuchi, M., 191

Van de Waterbeemd, H., see Repond, C., 47
Verain, A., see Rochat, M.H., 79
Vergnaud, J.M., see Magron, P., 91

Walker, I.M., see Davis, S.S., 133

Washington, N., see Wilson, C.G., 221
Wilson, C.G., Washington, N., Hardy, J.G. and Bond, S.W., The influence of food on the absorption of acyclovir: a pharmacokinetic and scintigraphic assessment, 221
Withington, R., see Farraj, N.F., 39
Wood, E., see Hardy, J.G., 103
Woolfson, A.D., see McCafferty, D.F., 59
Wouessidjewe, D., see Ponchel, G., 65

Yagi, T., see Nishihata, T., 83
Yashiki, T., see Yoshimura, Y., 179
Yoshimura, Y., Hamaguchi, N. and Yashiki, T., Synthesis and oral absorption of acyloxymethyl esters of 7β-(2-(2-aminothiazol-4-yl)acetamido)-3-(((1-(2-dimethylaminoethyl)-1H-tetrazol-5-yl)thio)-methyl)ceph-3-em-4-carboxylic acid (cefotiam), 179

Zajić, L., see Sekulović, D., 225

*International Journal of Pharmaceutics,* 38 (1987) 271
Elsevier

# Noticeboard

*5–6 September 1987*
International FIP Satellite Symposium on Disposition and Delivery of Peptide Drugs, Leiden, The Netherlands. (Contact: Dr. J. Verhoef, Center for Biopharmaceutical Sciences, P.O. Box 9502, 2300 RA Leiden, The Netherlands.)

*6–11 September 1987*
XI World Congress on Sarcoidosis and Other Granulomatous Disorders, Università Statale, Milan, Italy. (Contact: Secretariat, Congress Studio, Via Cappucio 19, 20123 Milano, Italy. Tel. (02) 806262)

*6–18 September 1987*
Membrane Technology: A Comprehensive Course in the Field of Membrane Technology, Amsterdam, The Netherlands. (Contact: Delta Institute, P.O. Box 533, 3000 AM Rotterdam, The Netherlands. Tel. (01883) 10789.)

*28–29 September 1987*
International Symposium on Perspectives in Solid Dosage Form Design, organized by the Specialization School in Industrial Pharmacy, Pavia University and Farmachimici (the Italian Association of Pharmaceutical Chemists), at University of Pavia, Italy. (Contact: Prof. U. Conte, Dept. Chimica Farmaceutica, Via Taramelli 12, 27100 Pavia, Italy. Tel (0382) 392374.)

*2–7 December 1987*
The Joint Japanese–United States Congress of Pharmaceutical Sciences (JUC Pharm. Sci. '87), Honolulu, Hawaii, U.S.A. (Contacts: (1) in Japan – Pharmaceutical Society of Japan, 12-15-501, Shibuya 2-chome, Shibuya-ku, Tokyo 150, Japan; and (2) in U.S. – American Pharmaceutical Association, 2215 Constitution Ave., Washington, DC 20037, U.S.A.)

0378-5173/87/$03.50 © 1987 Elsevier Science Publishers B.V. (Biomedical Division)